ABSTRACT

[00087]   Techniques for minimizing dormant reactivations to receive IPv6 Router Advertisements are described. In a first scheme, a timer is used to trigger a wireless terminal to solicit a Router Advertisement. The timer is set to a threshold time period computed based on the current prefix lifetime. When the timer expires, a Router Solicitation is sent. In a second scheme, after the timer expires, a Router Solicitation is sent whenever the terminal is active. In a third scheme, a Router Solicitation is sent when the timer expires if solicitation is triggered and at any time thereafter whenever the terminal is active. In a fourth scheme, two timers are set to two threshold time periods. After the first timer expires, a Router Solicitation is sent whenever the terminal is active. When the second timer expires, a Router Solicitation is sent if solicitation is triggered by a predefined event or condition regardless of the terminals state.